

MAN MARINE DIESEL ENGINE

D2842LE404 956kW (1300 HP)

PERFORMANCE DATA

Weight: 1775 kg
3905 lbs

Power To Weight Ratio:
3.00 lbs per HP

RPM	OUTPUT (Full Load)		FUEL CONSUMPTION (Propeller Demand)		
	kW	HP	g/kWh	ltr/h	gal/hr
1200	415	564	224	50	13
1300	545	741	213	58	15
1400	601	817	206	68	18
1500	647	880	201	79	21
1600	691	940	198	91	24
1700	734	998	200	107	28
1800	777	1057	204	126	33
1900	821	1117	206	146	39
2000	864	1175	210	169	45
2100	907	1234	216	197	52
2200	935	1272	222	227	60
2300	956	1300	225	257	68



MAN engine technology - for an environmentally compatible and secure future

MAN engines offer security for the future in terms of environmental compatibility. Water cooled MAN marine diesel engines with exhaust-gas turbocharging and intercooling provide maximum efficiency in the use of fuel and thus a particularly low-pollution combustion process too.

To minimize the proportion of harmful substances in the exhaust gas, MAN engine technology starts at the combustion process. High pressure injection, combustion chamber design, mixture formation and combustion itself are the most important factors here if exhaust gas quality is to be improved still further.

With regard to pollutant emissions, both marine and commercial-vehicle engines from MAN are setting the pace. And MAN is well prepared to meet forthcoming legislation in the marine engine sector. The harmful emissions from MAN marine diesel engines are below the limits stipulated by the Lake Constance Navigation Order and the Swiss Exhaust Gas Regulation for commercial applications.

RATING CONDITIONS

No reduction in rating for intake air temperature up to 113° F (45° C), and seawater temperatures of up to 90° F (32° C).

* The ratings are based on reference conditions according to DIN 5271/ISO 1046/1, propeller curve calculated at 2.5 exponent.